

**Claims**

1. A motion picture camera having a film magazine, in  
which there are disposed a film supply reel, from  
5 which a motion picture film to be exposed having a  
carrier layer and a light-sensitive emulsion layer  
is discharged and is moved over a film transport  
path past a picture window for picture exposure,  
and a film winding reel, onto which the exposed  
10 motion picture film is wound, characterized in  
that a device (6, 8, 9) for separating foreign  
bodies on one or both surfaces of the motion  
picture film (3) is disposed in the film transport  
path between the film supply reel (31) in the film  
15 magazine (2) and the picture window (14).
2. The motion picture camera according to claim 1,  
characterized in that the separating device (6, 8,  
9) is disposed on the side of the light-sensitive  
20 emulsion layer of the motion picture film (3).
3. The motion picture camera as claimed in claim 1 or  
2, characterized in that the separating device (6,  
8, 9) picks up the foreign bodies on the surface  
25 or the surfaces of the motion picture film (3).
4. The motion picture camera as claimed in at least  
one of the preceding claims, characterized in that  
the separating device (6, 8, 9) is disposed  
30 between the film supply reel (31) and the  
connection between the film magazine (2) and the  
motion picture camera (1).
5. The motion picture camera as claimed in at least  
35 one of the preceding claims, characterized in that  
the separating device (6, 8, 9) comprises a  
cleaning roller (6, 9) having a particle pick-up  
means (8) and rolling on the side of the

light-sensitive emulsion layer of the motion picture film (3).

- 5 6. The motion picture camera as claimed in claim 5, characterized in that the cleaning roller (6, 9) comprises a film feed roller (6) in the film magazine (2) disposed on the side of the light-sensitive emulsion layer of the motion picture film (3).
- 10 7. The motion picture camera as claimed in claim 5, characterized in that the cleaning roller (6, 9) comprises a cleaning sleeve (9) which can be plugged onto the film feed roller (6) of the film
- 15 magazine (2) disposed on the side of the light-sensitive emulsion layer of the motion picture film (3).
- 20 8. The motion picture camera as claimed in at least one of the preceding claims, characterized by an adhesive layer (8) for detaching the foreign bodies from the light-sensitive emulsion layer of the motion picture film (3) and picking up the foreign bodies.
- 25 9. The motion picture camera as claimed in claim 8, characterized in that the adhesive layer (8) can be replaced.
- 30 10. The motion picture camera as claimed in claim 8 or 9, characterized in that the adhesive layer (8) consists of a double-sided adhesive tape.
- 35 11. The motion picture camera as claimed in at least one of the preceding claims, characterized in that the cleaning roller (6, 9) can be replaced.

12. The motion picture camera as claimed in claim 10, characterized in that the cleaning roller (6, 9) can be pulled axially off a roller axis (4).
- 5 13. The motion picture camera as claimed in claim 11 or 12, characterized in that the cleaning sleeve (9) loaded with foreign bodies can be pulled axially off the film feed roller (6) and a  
10 cleaning sleeve (9) free of foreign bodies can be plugged axially onto the film feed roller (6).
14. The motion picture camera as claimed at least one of the preceding claims 1 to 5, characterized in that the separating device comprises an  
15 electrostatic pick-up device.
15. The motion picture camera as claimed in claim 14, characterized in that the electrostatic pick-up device is disposed on both surface sides of the  
20 motion picture film (3).
16. The motion picture camera as claimed in at least one of the preceding claims, characterized in that the separating device (6, 8, 9) is accessible via  
25 a closure disposed on the side of the film magazine (2) or the camera housing (10).